

XX

June 9, 1966

Box 1546
Poughkeepsie, N. Y. 12603

Attention: T. Nelson, Sys. Consultant

Gentlemen:

Ref: Socket Relay

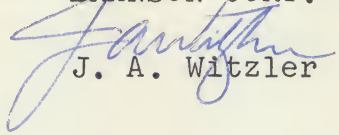
Thank you for your interest in our products.

The enclosed literature provides electrical
and environmental specifications as well as case and header
dimensions.

If we can assist you with regard a specific ap-
plication, please contact us or our Representative in your
area.

Very truly yours.

BRANSON CORP.


J. A. Witzler

Your area Representative is -

PLEASE CONTACT FACTORY

Relays...Our Only Business

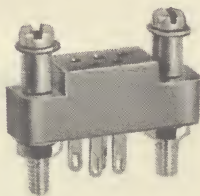
MICRO-MINIATURE RELAY SOCKETS

GENERAL INFORMATION

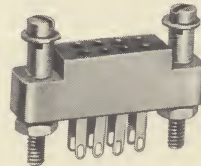
The uncompromising need for high quality and reliability in relay products has made it natural for Branson to develop relay sockets that will meet the extreme environmental and rigorous electrical conditions accompanying most relay applications.

The use of glass-filled Diallyl Phthalate as insulating material, Beryllium copper terminals and exceptionally high control of the precious metal finish, makes the Branson socket line an excellent companion for all relay products. 100% inspection of the critical aspects of each socket assures the user of the ultimate in long term reliability and performance.

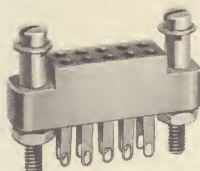
Mounting studs and relay hold-down screws are included with each unit.



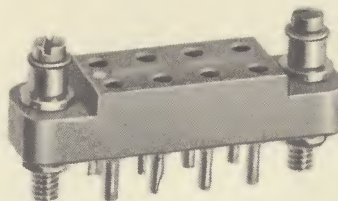
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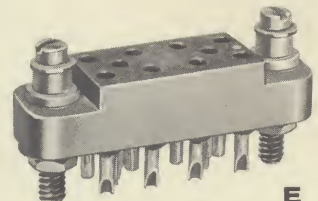
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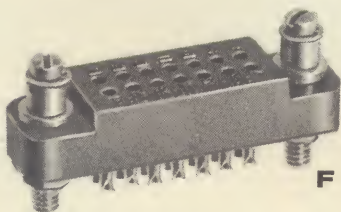
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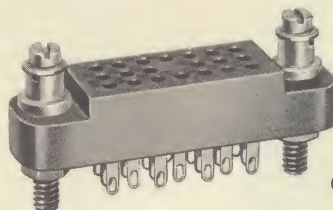
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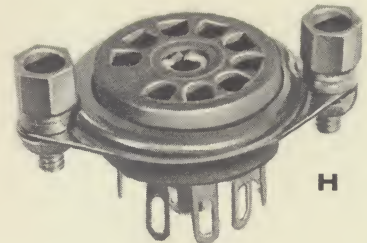
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Vanderhoof Avenue • Denville, New Jersey
Area Code 201-625-0600 • TWX 201-627-7508

ELECTRICAL SPECIFICATIONS

Terminal Material:

Beryllium copper (except type 2855 is phosphor bronze) connections can be made by soldering or welding

Terminal Finish:

Gold over silver plate

Insulation Material:

Diallyl FS-5 (glass filled)

Hardware:

Steel, cadmium plated with gold iridite finish

Operating temperature range:

-65°C to +125°C

Dielectric strength at sea level:

1500 VRMS between terminals
1500 VRMS between terminals and ground

Dielectric Strength at 70,000 Ft:

500 VRMS between terminals
500 VRMS between terminals and ground

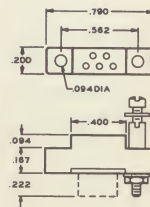
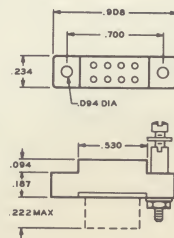
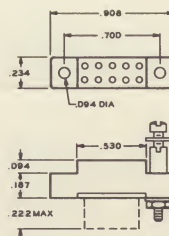
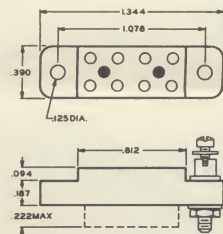
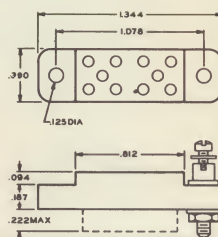
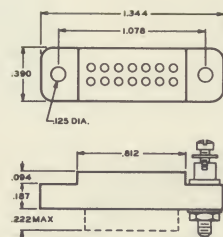
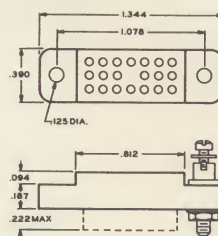
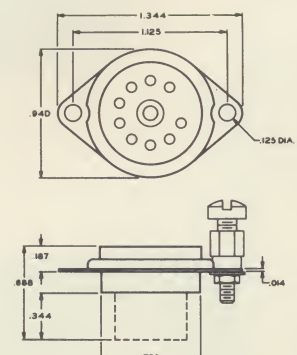
Current rating — 3 amperes

Wire size, maximum —

Solder cup — one #20 AWG

Solder lug — two #26 AWG or three #30 AWG

OUTLINE DRAWINGS


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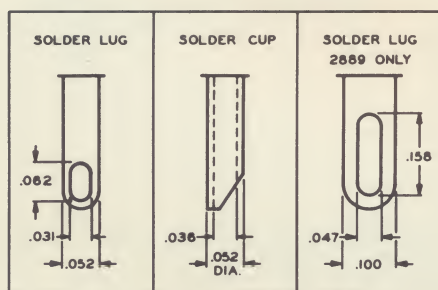
RELAY SOCKETS

MECHANICAL SPECIFICATIONS

General application and mechanical information are shown on the following chart.
Special terminal and hardware finish is available when required.

USED WITH RELAY TYPE	RELAY DESCRIPTION	TERM. TYPE	CHASSIS MTG.	CHASSIS THICKNESS	CHASSIS CUT OUT	OUTLINE DRAWING	SOCKET TYPE
JR	Single Pole	Lug	Below	.062	1	A	3275
JR	2 Pole	Lug	Below	.062	2	B	3845
JR	2 Pole	Cup	Below	.062	2	B	3846
LJ	2 Pole Latching	Lug	Below	.062	2	C	3847
LJ	2 Pole Latching	Cup	Below	.062	2	C	3848
AR-SR & QR	2 Pole & TD	Cup	Below	.062	3	D	2855
LS	2 Pole Latching	Cup	Below	.062	3	E	3766
AR & SR	4 Pole	Lug	Below	.062	3	F	2999
		Lug	Below	.094	3	F	2999-1
		Lug	*Above	.062	3	F	2999-2
		Lug	Above	.125	3	F	2999-3
		Cup	Below	.062	3	F	3050
		Cup	Above	.125	3	F	3050-1
		Cup	Below	.094	3	F	3051
AR	6 Pole	Lug	Below	.062	3	G	3541-1
		Cup	Below	.062	3	G	3541-2
		Lug	Below	.094	3	G	3541-3
		Cup	Below	.094	3	G	3541-4
MTRH	Time Delay	Lug	Above	All	4	H	2889

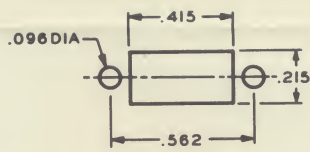
*HEX STUDS



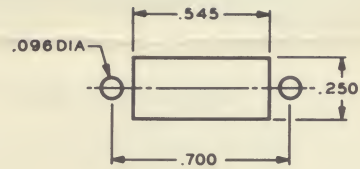
TERMINALS

Meets or Exceeds Requirements of MIL-C-8384 and
MIL-M-19833 Pertaining To Insulating Materials.

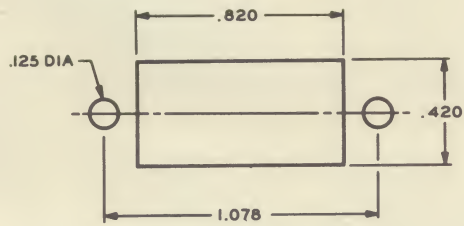
CHASSIS CUTOUTS



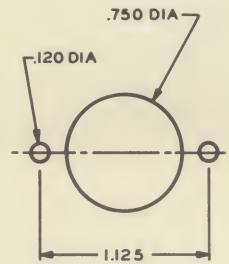
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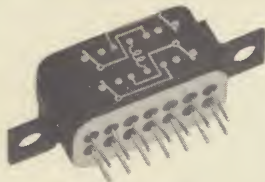


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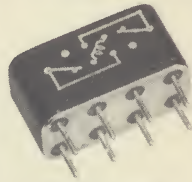
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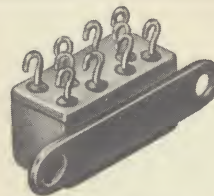
OTHER BRANSON PRODUCTS



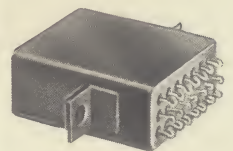
4 Pole 1/2 Size
Crystal Can Relay



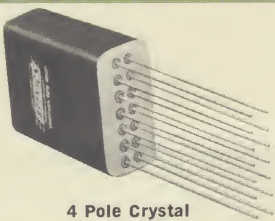
2 Pole 1/2 Size
Crystal Can Relay



Magnetic Latching
Relay



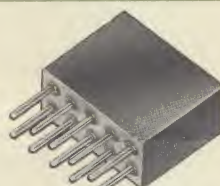
6 Pole Crystal
Can Relay



4 Pole Crystal
Can Relay



2 Pole Crystal
Can Relay



1/6 Size
Latching Relay



Solid State Time
Delay Relay



Sub-Miniature Time
Delay Relay